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CENTRAL FAX CENTER****SEP 22 2006**Claims

1.-9. (Canceled)

10. (Currently amended) An electro-optical cable comprising:

an optical element comprising an elongated glass fiber core, a polytetrafluoroethylene medial cushioning layer wherein said optical element has a layer selected from an acrylate and a polyimide interposed between the glass core and the cushioning layer concentrically surrounding the glass fiber core, and an outer hard polyetherketone layer surrounding the medial cushioning layer; and

at least one copper electrically conductive element comprising an elongated conductive core and a dielectric polytetrafluoroethylene layer concentrically surrounding the electrically conductive core wherein said electrically conductive element has a layer of an aromatic co-polyimide concentrically surrounding the dielectric layer.

11.-14. (Canceled)

15. (Original) The electro-optical cable of claim 10 wherein there are a plurality of electrically conductive elements.

16. (Original) The electro-optical cable of claim 10 which has an outer peripheral protective jacket.

17.-20 (Canceled)

21. (New) The electro-optical cable of claim 10 which is used to connect a towed decoy to an aircraft.

22. (New) The electro-optical cable of Claim 21 which is capable of sustained exposure to an after-burner plume of a jet engine.